SEQUENCE LISTING

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LAI, ANGELA

<120> METHODS USING DSDNA TO MEDIATE RNA INTERFERENCES (RNAI)

<130> J&J5203USNP

<140> 10/526,475
<141> 2005-03-03

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<150> AU 2003901481
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<151> 2002-09-04

<160> 41

<170> PatentIn Ver. 3.3

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Synthetic oligonucleotide

<220>
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oligonucleotide

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<210> 2
<211> 17
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

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tgtggtgatt cgtcgac 17

<210> 3
<211> 19
<212> DNA
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<400> 3
gactccagtg gtaatctac 19

<210> 4
<211> 21
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<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

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gtcgagtctc ttgaactcga c 21

<210> 5
<211> 58
<212> DNA
<213> Artificial Sequence

<220>
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<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<220>
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<222> (19)..(37)
<223> a, c, g, t, unknown or other

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tgtggtgatt cgtcgacunn nnnnnnnnnn nnnnnngtc gagtctcttg aactcgac 58

<210> 6
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<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 6
tcgaccggca agctgaccct gaagttcgct tcagggtcag cttgccgttt tt 52

<210> 7
<211> 51
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

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<210> 8
<211> 31
<212> DNA
<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 8
gcgcctcgag atagggaatt cgagctcggt a 31

<210> 9
<211> 30
<212> DNA
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<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 9
gcgcggatcc ttgtaaacga cggccagtgc 30

<210> 10
<211> 45
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 10
tcgactcaag ttataccctt gccgatagac tgcttacatt taaat 45

<210> 11
<211> 45
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 11
ctagatttaa atgtaagcag tctatcggca agggtataac ttgag 45

<210> 12
<211> 63
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 12
cggtgattcc gtcgaccaaa aagactccag tggtaatcta ctttttctag aggtaacagg 60
cgc 63

<210> 13
<211> 17
<212> DNA
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<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 13
gcgcctgtta cctctag 17

<210> 14
<211> 34
<212> DNA
<213> Artificial Sequence

<220>
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oligonucleotide

<400> 14
gcctgcagga tatttgcatg tcgctatgtt ctgg 34

<210> 15
<211> 34
<212> DNA
<213> Artificial Sequence

<220>
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oligonucleotide

<400> 15
gctctagaga gtggtctcat acagaactta taag 34

<210> 16
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<400> 16
tcgacaaaaa cggcaagctg accctgaagt tttt 34

<210> 17
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<212> DNA
<213> Artificial Sequence

<220>
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<400> 17
ctcagaaaaa cttcagggtc agcttgccgt ttttg 35

<210> 18
<211> 63
<212> DNA
<213> Artificial Sequence

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<222> (23)..(41)
<223> a, c, g, t, unknown or other

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cggtgattcc ctcgagcaaa aannnnnnnn nnnnnnnnnn nttttttctag aggtaacagg 60
cgc 63

<210> 19
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<400> 19
gcgcaagctt atagggaatt cgagctcggt a 31

<210> 20
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<212> DNA
<213> Artificial Sequence

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<400> 20
gcgctctaga ggtgtttcgt cctttccaca a 31

<210> 21
<211> 34
<212> DNA
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<400> 21
ctagaaaaac ttcagggtca gcttgccgtt tttg 34

<210> 22
<211> 34
<212> DNA
<213> Artificial Sequence

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<400> 22
tcgacaaaaa gactccagtg gtaatctact tttt 34

<210> 23
<211> 34
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 23
ctagaaaaag tagattacca ctggagtctt tttg 34

<210> 24
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Combined DNA/RNA Molecule:
Synthetic oligonucleotide

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 24
cggcaagcug acccugaagt t 21

<210> 25
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Combined DNA/RNA Molecule:
Synthetic oligonucleotide

<220>
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oligonucleotide

<400> 25
gacuccagug guaaucuact t 21

<210> 26
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
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Synthetic oligonucleotide

<220>
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oligonucleotide

<400> 26
gcaugaaccg gaggcccaut t 21

<210> 27
<211> 32
<212> DNA
<213> Artificial Sequence

<220>
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<400> 27
gcgctagccg ttaactcgag gatccaaggt cg 32

<210> 28
<211> 32
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 28
gcgctagcca cagccggatc cttgtaaacg ac 32

<210> 29
<211> 33
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<220>
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<400> 29
gcgctcgagc acagccggat ccttgtaaac gac 33

<210> 30
<211> 29
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 30
gcagtcgacg gtaccgcggg cccggtcgc 29

<210> 31
<211> 29
<212> DNA
<213> Artificial Sequence

<220>
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<400> 31
ggaattcgcg gccgctttac ttgtacagc 29

<210> 32
<211> 15
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 32
gtcgacgggt ctaga 15

<210> 33
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<220>
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<220>
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<222> (7)..(25)
<223> This region encompasses 19 bases specific to the sense strand of p53 mRNA

<220>
<221> modified_base
<222> (26)..(46)
<223> This region encompasses 21 bases constituting a stem loop structure

<220>
<221> modified_base
<222> (47)..(65)
<223> This region encompasses 19 bases specific to the sense strand of p53 mRNA

<400> 33
tcgactnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 60
nnnnn 65

<210> 34
<211> 65
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<220>
<221> modified_base
<222> (7)..(25)
<223> a, c, g, t, unknown or other

<220>
<221> modified_base
<222> (26)..(46)
<223> This region encompasses 21 bases constituting a stem loop structure

<220>
<221> modified_base
<222> (47)..(65)
<223> a, c, g, t, unknown or other and this region is antisense to bases 7 to 25

<400> 34
tcgactnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 60
nnnnn 65

<210> 35
<211> 51
<212> DNA
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<400> 35
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<211> 17
<212> DNA
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<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 36
gcgcctgtta cctctag 17

<210> 37
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<212> DNA
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<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 37
tcgaccaaaa agactccagt ggtaatctac ttttt 35

<210> 38
<211> 35
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 38
ctagaaaaag tagattacca ctggagtctt tttgg 35

<210> 39
<211> 35
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<223> a, c, g, t, unknown or other

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tcgaccaaaa annnnnnnnn nnnnnnnnnn ttttt 35

<210> 40
<211> 35
<212> DNA
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<220>
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<222> (10)..(28)
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<400> 40
ctagaaaaan nnnnnnnnnn nnnnnnnntt tttgg 35

<210> 41
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<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

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<400> 41
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